THE TECH

VOL. XXVII. No. 41 BOSTON, MASS., FRIDAY, JANUARY 10, 1908 PRICE THREE CENTS

CLASSES BATTLE AT GYM TONIGHT.

INDOOR MEET PROMISES CLOSE CONTEST.

1908 Has Best Chance But Will Not Have Things All Its Own Way.

The Seniors seem to have the advantage in the class championship meet tonight. There are a lot of strong entries from 1908. The Sophomores have some good men and will push the Seniors hard for first place, as 1910 is very strong in sprinters and middle distance men. The closest contest between classes will probably be that between 1909 and 1911 for third place. There is practically no choice between them.

A number of men came out yesterday for the first time this year. There may be some exceptional men among them.

The 440-yd. dash will be good training for the relay team that will represent Tech against Williams in the B. A. A. games Feb. 1. The mile run should give some indication of what Tech will have to show in the distance events next spring.

The events are as follows, with entries: The 35-yd. dash will be a Freshman-Sophomore race with Seligman 1911, who won the 100-yard dash in the Fall meet and Fernstrom 1910, who won a point at Jamestown last summer. The other innovation, Tech ice cream. This Salisbury 1911, Blackburn 1908, and D. R. Stevens 1911.

In the 440-yd. dash Blackburn 1908 is the favorite, as usual. He will have to run to beat Salisbury 1911, Fernstrom 1910, and H. G. Ruggles 1908, the winner of this event in the Fall games in 1906. Cummings 1910, Lockett 1910, and Gimson are also entered.

The half-mile promises the best race on account of its uncertainty. Gimson 1908 usually wins this race, but now has a strong rival in White 1911. McKenzie 1910, who won the 8-mile han-

(Continued on page 3.)

CIVILS IN LINE FOR COPLEY HALL UNION.

Add Strong Resolutions to the Endorsements of the Project.

Wednesday evening the Civil Engineering Society held a dinner and evening meeting at the Union. The society endorsed by a large majority the resolutions drawn up by a committee approving the Copley Hall Union movement. It also voted that the president appoint a committee to obtain a heading for the society's article in Technique.

Mr. W. S. Johnson gave the talk of the evening on the disposal of sewage and factory waste. He confined his attention to the method of intermittent filtration, as practiced in Massachusetts, and showed many interesting lantern slides to illustrate his statements. In his opinion this field still offers large opportunities for the engineer, as the processes used are by no means perfect, and while better than any others, are giving only partial satisfaction.

The resolution drawn up by the Copley Hall committee reads as follows:—

Whereas:—A movement has been started by the Institute Committee and the Board of Editors of The Tech to urge the use of Copley Hall, temporarily, as a Walker Memorial, and

Whereas:—The Civil Engineering Society feels that this building will provide admirable and much-needed facilities for the professional societies of the Institute, be it

Resolved:—That the Civil Engineering Society place itself on record as being heartily in sympathy with the movement, and be it

Resolved:—That the Civil Engineering Society express its desire to co-operate with the other student organizations in furthering this movement, and be it

Resolved:—That The Tech be requested to publish these resolutions.

Signed R. W. PARLIN president,
L. D. NISBET, secretary.

INDOOR MEET TONIGHT.

W. C. SALISBURY 1911.

WILLIAMS GAME TOMORROW NIGHT.

BASKETBALL TEAM SHOULD WIN.

Interesting Game Promised at Williamstown.

The basket ball team plays Williams College tomorrow night at Williams. This is Williams' first game this season. The make up of their team is uncertain as only one member of last year's team is back. The squad will probably include Allen, Watters and Horrax.

Tech has the best basket ball team that has represented the Institute in several years. They work well together and play a fast game. The main trouble is lack of endurance. This is because the team has been able to get in only two practices a week. Manager Whitmore now has a scheme to give the men regular work every day. In this way the men will get power of endurance enough to play a strong game throughout. With this point braced up, the Tech aggregation will be a wonder.

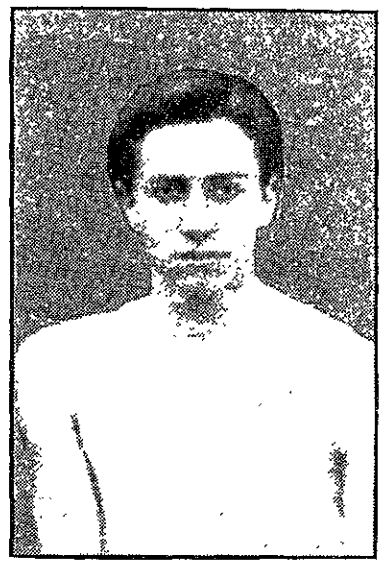
A squad of eight men will leave tomorrow morning with the intention of coming back with much the larger part of the score. Our probable line up will be:—

Nichols, lb.; Lamont, rb.; Capt. Wentworth, c.; Cahill, lf.; Hargraves, rf.

TECH ICE CREAM.

Novelty Started at the Union.

Steward McIver has gotten out another innovation, Tech ice cream. This variety was served at the C. E. dinner Wednesday night and proved excellent. It consists of a Tech flag with raspberry for the red and coffee for the gray, with the corners filled out with macaroon to make the regular size brick.



RIDSDALE ELLIS 1909.

ELLIS IS CROSS COUNTRY CAPTAIN.

Yesterday, after the picture of the Cross Country Team was taken, R. Ellis 1909 was elected captain of next year's team by a vote of 6 to 3. Ellis is without doubt the best man for the place. He has been doing good steady running since his Freshman year. Last fall Ellis won his "T" by finishing fifth against Harvard. He was the first Tech man to finish in the intercollegiate Cross Country race at Princeton.

TO FENCE WITH SPRINGFIELD TRAINING SCHOOL.

TECH CRIPPLED BUT HOPES.

Capt. Loring Laid Up but the Team is Out to Win.

Technology fences Springfield Training School Saturday night at the Gym. This is the first meet of the season, and promises to be closely contested. Springfield has a strong team which has been training hard all season. The Tech team goes into the meet greatly handicapped by the loss of Capt. E. M. Loring who has been unable to fence for the past five weeks on account of ill health. Loring is far superior to any other fencer at the Institute.

The team will be made up of F. J. Lange 1909, J. W. Nickerson 1909, and V. C. Grubnau 1909. Lange was a member of last year's team and promises to show up well. Nickerson and Grubnau are both new men. Nickerson fenced before entering the Institute and has developed rapidly this year. Grubnau won both interclass individual championships. He has never fenced before this year, but has trained every day since the beginning of the term.

The judges are Mr. Breckenridge of Harvard, and Mr. A. P. Cushing, the Mexican consul here.

The fencing team is one of the most important teams at the Institute and needs the support of every member of the student body. The meet is scheduled for eight o'clock, and everybody should turn out. Tickets are on sale at the Cage.

NEXT CONCERT AT DORCHESTER.

Musical Clubs Perform There Tonight.

The musical clubs give a concert tonight in Dorchester, at the First Parish Church. The program will be the same as at the Winter Concert, and the proceeds of the entertainment will go to the church. The clubs will leave the Boylston Street subway, South side at 7.10 sharp.

Concerts will be given Jan. 13 in Auburndale, and Jan. 16 in East Boston, after which the clubs will disband until next term.

HOCKEY SCHEDULE OUT AT LAST.

YALE AND ARMY ON THE LIST.

Team Needs Money to Carry Through Brilliant Season.

The Hockey Team this year has been seriously handicapped by the lack of ice on which to practice but in the two days' work which has been held the team showed up very well, especially a few of the new men.

A long trip has been planned for the midyear vacation which includes games with Yale at New Haven and the Army at West Point. There are also games pending with Williams at Williamstown and Springfield Training School at Springfield. It is urged that all who are near these places during the vacation come out and root for the team.

As there is a good deal of expense connected with this trip and the A. A. does not allow sufficient money for the needs of the team the fellows of the team have to supply the deficit. The team cannot stand for all of this extra expense so it falls back on the students at large. Next week a subscription list will be passed around the drawing rooms and it is hoped that the men will give what they can in order to put the team on a level with other college teams in the vicinity of the Institute.

The schedule has been held up for several reasons but what has been completed follows:—

Jan. 11. Andover at Andover.
Jan. 15. Tufts at Braeburn.
Jan. 18. Braeburn at Braeburn.
Feb. 5. Yale at New Haven.
Feb. 8. Army at West Point.
Feb. 10. Dartmouth at Braeburn.

The games with Springfield T. S. and Williams will be played on Feb. 6 and Feb. 7, and will be announced by poster as soon as arranged.

THEY ARE NOT ON.

Numerals Still Missing from Cups at Union.

The numerals of 1909 and 1910 are not yet engraved on the Field Day loving cup. This cup was presented to the Institute by Mr. Samuel Cabot. On it are 50 wreaths, in which the numerals of the class winning Field Day are engraved. 1909's victory is more than a year old, while 1910 won their right to a wreath two months ago. It would be too bad to forget who won the last two Field Days.

There is also a silver cup at the Union with the inscription M. I. T. A. C. Class Championship 1899. The first meet recorded is that of the year 1888-9, won by 1890, the last recorded is for 1898-9, won by 1901. There is no record for the year between 1888-9 and 1893-4. The numerals of the winning class are engraved on bangles in the form of shields, hung around the base of the cup.

CALENDAR.

Friday, January 10.

4.15 P. M. Mandolin Club Rehearsal in 31 Rogers.
7.00 P. M. Annual Alumni Dinner at the Brunswick.
7.10 P. M. Musical Clubs Leave South Platform, Boylston St. Subway for Dorchester.
8.00 P. M. Interclass Indoor Meet at the Gym.
8.00 P. M. Musical Clubs Concert at Dorchester.

Saturday, January 11.

2.30 P. M. Hockey vs. Andover at Andover.
8.00 P. M. Fencing vs. Springfield T. S. at the Gym.
8.00 P. M. Basketball vs. Williams at Williamstown.

Monday, January 13.

8.00 P. M. Musical Club Concert at Auburndale.

THE TECH

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Friday, January 10, 1908.

YOUR CHANCE TO SHOUT.

A call for Tech spirit at the Institute, a plea to support Tech activities by attending games and society meetings and trying to do something for Tech or your class, may be an old story but it is no joke. When our basket ball team plays a strong team from Worcester Polytechnic it seems a shame to have only 50 men out to root for them. Tuesday night the team went to Harvard and not more than five other Tech men saw the game. The score showed the grit of the team. With decent backing they would have won.

In fencing it is the same way. If there is anyone who thinks a fencing match is a tame, uninteresting affair, he should take the first opportunity to see a match. Visitors are welcome at the exhibitions of the Technology Fencing Club. The meet with the Springfield Training School is an important one. The indoor athletic season is just beginning, and support of our teams should begin now.

The first indoor track meet is tonight. This will be a chance for the Freshmen to make all the noise they like, and perhaps to even the Field Day score with the Sophomores. The Juniors, who have not yet won a track meet, should turn out to a man to root for their representatives. This is the Seniors' last class championship meet. They won it last year.

Don't read this and say that something ought to be done about it; do something yourself. Show your Tech spirit and your class spirit. Buy a ticket and use it. Never mind the time, you can get up early the next morning.

Do your reviewing now.
Don't let it slide.
"The chances of him who leaves volumes to cram,
For passing, do not seem to us worth a — red cent."

THE TRUE TECH SONG

The question has come up recently, and seems inclined to persist, as to the appropriateness of making permanent the custom of standing with bared heads to sing the Stein Song. Some people do it because of respect for Frederic Field Bullard, its author; many because they feel it to be the best Tech song; and the largest number simply because it is a custom and the first two classes do it.

Frederic Field Bullard was probably the best known of all Tech graduates in the field of music. He wrote a number of songs of college life and good fellowship, of which the Stein Song is the best known to the general public. It was felt at the time of his death that his songs were a credit to the Institute, and out of respect to him the custom was started. But Bullard has been dead some time now; and the life of that motive cannot be endless. No reminder of Washington or Lincoln brings us to our feet, and those men have done far more for us. The parallel may seem far-fetched, but there ought to be a cause back of every sentiment strong enough to be carried into action.

As a matter of fact the Stein Song is not a Tech song, and never will be. Bullard was a Dartmouth graduate before he entered Tech and Hovey, who wrote the words, was a Dartmouth man pure and simple. Dartmouth has therefor a strong claim to its authorship. The song itself makes no mention of any college; and it is hardly fit to represent one permanently. The song is splendidly composed and inspiring to listen to, but it is a drinking song nevertheless. The Tech does not agree with those who called standing for it "worshipping the sacred bottle," but does feel it inappropriate to present to the world at large as representative of the Tech man's highest standards. Tech has others are Cummings 1910, Lockett 1910, The Cardinal and Gray, and Dear Old M. I. T. The last named is perhaps the best fitted to head the list; at all events the men who stood up and sang it, 150 strong, at the Show Kommers last month approved of it.

If the custom lingers because the majority wants it, all right, but if it is persisting simply because no one likes to be the first to drop it, here is the suggestion and now is the time to abolish it. The best song for Tech men should be one in which all can unite to praise not "a stein on the table, and a good song ringing clear," but their own alma mater and the splendid work she is doing in the world.

KEEP YOUR EYES OPEN.

This means you, Mr. Reader. A large proportion of the Institute students in the course of their daily routine never take the trouble to look at the bulletin boards they pass or to turn over their Tech to see what may be in the list of notices. The natural result is that meetings are neglected and the best of causes are slighted, not through malice but simply through utter ignorance. Keeping up with current events is not simply a matter of taste; it is a pressing duty to yourself and to society at large.

Well, have we come up to your expectations?

BIOLOGICAL SOCIETY ORGANIZES.

Tuesday's Meeting a Success.

The Biology Society met Tuesday at 5.00 P. M. in 28 Pierce for the purpose of considering the constitution submitted by the committee appointed at the meeting on Dec. 18, 1907. The various articles of the constitution were discussed and the society organized on a permanent basis, officers being chosen to take the place of those temporarily elected at the meeting on Dec. 18, 1907. The following were elected to office: Scott McNutt A. B. of Course VII, president: R. N. Hoyt S. P. of Course VII secretary-treasurer; C. N. Harrub 1909 XI was elected as third member to form, in conjunction with the president and secretary, an executive committee to transact the business of the society.

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CLASSES BATTLE.

(Continued from page 1.)

dicap last fall, is running well. There are several others.

In the mile run are the most entries. Any choice here is hard. Ellis 1909, is running very well, Schaaf 1909, ran the 2-mile at Syracuse, Stephenson 1909 has improved since last fall while McCarthy 1909 and Eldred 1911 are both steady runners. Preston 1910, Mills 1910, Batchelder 1909 and Howland 1908 will probably run also.

The 16-lb. shot put should go to Morrison 1908, who has extended his distance by several feet. Ruckman 1910 who won it last year and Moore 1909 will fight it out for second place. M. E. Allen 1908, Sherman 1909, and Critchett 1909 are also possible point winners.

In the pole vault there are Capt. Orr 1908, Schobinger 1908, Salisbury 1911 and W. D. Allen 1911, who got second in the Fall meet.

The high jump is uncertain as several good men from the Freshman class have not yet come out, and may furnish a surprise. The entries are: Schobinger 1908, E. Stuart 1910, Bart lett 1910, Blackburn 1908 and Place 1908,

Y. M. C. A. HEARS DR. McELVEEN.

Pastor of Shawmut Church Gives Idea of Man's Infinity.

In his talk before the weekly meeting of the Tech Y. M. C. A. yesterday, Dr. Wm. McElveen spoke on "The Life of the Spirit." He discarded the idea that God alone is infinite, and advanced the opinion that man is also infinite. There is no man today and there never has been one, who was so complete in every way that he might be called "finite."

The development of everything and everybody is in accordance with a fixed rate of advancement. Everything is "Becoming," to quote an early philosopher. Dr. McElveen pointed out the necessity of developing the spirit, as well as the mind and body, whether it be done as part of any recognized creed, or secretly and unknown. He closed by urging the men to apply the fundamental ideas of God to their daily work, and to remember that they too are merely undergoing a process of "Becoming."

TRANSMISSION AT RECORD VOLTAGE.

Mr. Neall Addresses Electrical Engineering Society.

Fifty-five members of the Electrical Engineering Society heard Mr. N. J. Neall 1900, of the firm of Thomas & Neall, Electrical Engineers, at the meeting of the society last night at the Union. He gave a very interesting and instructive talk an high tension transmission as a problem in design. As a specific reference he gave a general outline of his personal experience in the design of a 200 mile, 18,000 kilowatt line near Wilmington, N. C. The troubles, both scientific and economic, and mastering of them proved very interesting.

The power house came first. Here, hydraulic power is transformed into electric current at 60,000 volts pressure. After the drawing up of the specifications for the dynamos, switches and transformers came the problem of advantageous arrangement. At this stage of the game, Mr. Neall was greatly aided by an architect whose constant experience in arranging showed to very good advantage, despite the fact that he did not know what he was doing.

In the transmission line, an entirely new iron pole construction was developed, the advantages of which Mr. Neall clearly showed. It consisted in turning exactly upside down the old "delta" construction, placing the ground wire, a lighting protector, on top of the pole.

All through, he showed that the principal trouble met with in engineering is the lack of confidence of stockholders or capitalists caused by their misunderstanding. He gave many instances of his conflicts, compromises, victories, and defeats in his relation with them.

All greatly enjoyed and appreciated the talk. After some questions were answered by Mr. Neall, a vote of thanks was unanimously tendered him for the time he had given them.

CLASS OF '86 BANQUETS NOYES.

Nineteen Classmates Review Old Times.

The class of '86 gave a dinner last night at the University Club, in honor of their class mate, Arthur A. Noyes, Acting President of Technology. Nineteen members of the class were present and all enjoyed the reunion and renewed old acquaintances.

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SONG OF THE STEADY STUDENT.

I am here to get a college education,
I am here to get a mastery of books.
I read in intervals of mastication,—
It's rough, they say, but I don't care for looks.

They joke about me—say I'm one be poler,
That the light from my green globe is polarized,
But I grit my teeth—I do abrade each molar—
And keep sopping up the knowledge I've so prized.

When the time comes 'round to have a class election,
I am lost—don't really know a single man.
But can they tell aught of natural selection,
Plato's ideas, Kant's philosophy? I can.

What are football, baseball, hockey, track athletics?
We're not here, it seems to me, for playing games.
I'm a shark on Latin, ethics, homiletics,
But I couldn't tell you half my classmates names!

—The Princeton Tiger.

SPEAKS ON DENATURED ALCOHOL.

Eminent Authority Addresses Society of Arts.

Mr. Rufus F. Herrick, of Boston, addressed the 643d regular meeting of the Society of Arts, held last night in 22 Walker. Mr. Herrick is the author of "Denatured and Industrial Alcohol," and his talk last night was an illustrated one on "Denatured Alcohol" with especial reference to its application in the arts. Mr. Herrick gave several demonstrations and had a large and interested audience.

FACULTY NOTICE.

Professor Jackson will meet first year students desiring information about Course VI, Thursday afternoon, January 16, at 4 P. M., in 6 Lowell.

NOTICES.

The Architectural Society will give a smoker at the Union Friday night at 8 o'clock. Mr. Coolidge of Shiplen, Rutlidge and Coolidge of Boston will address the society on "Student Life in Paris."

MANDOLIN CLUB.—All members must be present at the rehearsal Friday as it is important on account of the concert Friday night. Members are requested to watch the bulletin board in Rogers corridor.

CLASSIFIED ADS.

Advertisements of this kind under different classifications are inserted at the rate of five cents a line, averaging six words to a line, payable in advance.

FOR RENT.—Small room on upper floor; steam heat and gas. Suitable for student. $1.75 per week. Apply 163 Huntington Ave., Suite two.

TYPEWRITING.—Special rates to students. 130 Pembroke St. Tel. 1385-1 Tremont.

WANTED AT ONCE.—Copies of the first six volumes of Technique in good condition. State price. Box 52, The Cage.

WANTED.—A student may have free room rent by applying to W. A. C. "Cage."

WHERE TO GO.—Sunday at 12.15, go to the Corner Stone Class for young men. Union Church, Columbus Ave., corner West Newton St. Rev. A. A. Stockdale, Leader.

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